

MATERIAL SAFETY DATA SHEET

(A012N) LIME OUT EXTRA

Iron Out, Inc.
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IRON OUT, INC.
1515 Dividend Road
Fort Wayne, IN 46808-1126
1-800-654-0791

HMIS INFORMATION

Health: 1
Flammability: 0
Reactivity: 1

In case of emergency call: CHEMTREC 1-800-424-9300

SECTION 1: PRODUCT INFORMATION

TRADE NAME: Lime Out
DESCRIPTION: Liquid Mixture
DOT PROPER SHIPPING NAME: Non Regulated Material

SECTION 2: HAZARDOUS INGREDIENTS

	<u>CAS#</u>	<u>PEL</u>	<u>TLV</u>
Organic Salt	N/A	N/Av	
Non-Ionic Surfactant	N/A	N/Av	
2-Butoxyethanol	111-76-2	50 ppm SKIN	25 ppm SKIN

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOR, ODOR: Blue Liquid, Pleasant Odor
BOILING POINT: Approximately 100EC @ 760 mmHg
VAPOR PRESSURE: (mmHg): Same as Water VAPOR DENSITY: Same as Water
EVAPORATION RATE: Same as Water SOLUBILITY IN WATER: Complete
SP. GRAVITY: (water=1): 1.2

ND=NO DATA NA = NOT APPLICABLE

SECTION 4: FIRE AND EXPLOSION HAZARD

FLASH POINT AND METHOD USED: None (Aqueous Solution)
EXTINGUISHING MEDIA: Water, Carbon Dioxide.
EXPLOSION HAZARD: NA

SECTION 5: CHEMICAL REACTIVITY

REACTIVITY: Stable under normal temperatures and pressures.
CONDITIONS TO AVOID: None
CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents such as Hypochlorites, chlorinated isocyanurates, and perborates. Oxidizing agents will attach the organic components of this product resulting in heat which if contained in a confined space can cause fires.
HAZARDOUS DECOMPOSITION: Carbon Monoxide, Nitrogen Oxides, Sulfur Oxides
HAZARDOUS POLYMERIZATION: Will Not Occur

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SECTION 6: CHRONIC TOXICITY

CARCINOGEN STATUS: Not considered to be carcinogenic by NTP, IARC, or OSHA lists nor is it known to be mutagenic.

CHRONIC HEALTH EFFECTS: May cause skin irritation, mucous membrane irritation.

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SECTION 7: ACUTE HEALTH HAZARDS

EYE AND SKIN CONTACT: Skin and eye irritation for sensitive persons.

INHALATION: May cause respiratory tract irritation.

INGESTION: Burning sensation in gastro-intestinal tract, Nausea.

MEDICAL CONDITIONS EXACERBATED BY OVEREXPOSURE: Dermatitis with skin contact, Stomach Ulcers with ingestion.

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SECTION 8: FIRST AID

EYE AND SKIN CONTACT: Flush affected areas with copious amounts of water for 15 minutes. Remove clothing and wash skin with soap. Seek immediate medical attention for eye contact and if skin irritation persists after washing.

INHALATION: Move to fresh air. If allergic symptoms occur within 48 hours, seek medical attention.

INGESTION (SWALLOWING): Drink water and seek medical attention immediately. If only mouth contact, rinse with large amounts of water. Call your local Poison Control Center.

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SECTION 9: HANDLING AND STORAGE

STORAGE & HANDLING: Keep out of direct sunlight in cool DRY (<75% relative humidity) place. Store on pallets under protective cover. Keep away from strong oxidizing agents. Avoid creating aerosols.

SAFE DISPOSAL: Follow Federal, State, and Local regulations.

IN CASE OF A SPILL: Wear suitable clothing and protective equipment. Use dikes or absorbent material to contain liquid.

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SECTION 10: CONTROL MEASURES

PROTECTIVE EQUIPMENT: Butyl rubber gloves, long sleeved shirt, coveralls or apron. Use ANSI approved chemical goggles and NIOSH approved organic vapor/acid gas respirator where ventilation is not available.

VENTILATION: Provide local exhaust or sufficient general ventilation.

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MSDS Prepared by Scott R. Parker, CEA of Ergo Resource Management, Inc., 801 N. Huntington St., Suite 7, Syracuse, IN 46567

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Revised Date 03-11-2003